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L3 and occupying volume

0

**Database:**[US Patents Full-Text Database](#)  
[US Pre-Grant Publication Full-Text Database](#)  
[JPO Abstracts Database](#)  
[EPO Abstracts Database](#)  
[Derwent World Patents Index](#)  
[IBM Technical Disclosure Bulletins](#)**Search:**

L5

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Monday, December 30, 2002 [Printable Copy](#) [Create Case](#)**Set Name**    **Query****Hit Count**    **Set Name**  
result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L5</u>	L3 and occupying volume	0	<u>L5</u>
<u>L4</u>	L3 and plural catalyst and calcine	0	<u>L4</u>
<u>L3</u>	L2 and acrylic acid and acrolein	11	<u>L3</u>
<u>L2</u>	562/544	151	<u>L2</u>
<u>L1</u>	6028220.pn. and alkali metal	1	<u>L1</u>

END OF SEARCH HISTORY

**WEST****Search Results - Record(s) 1 through 10 of 11 returned.**

1. Document ID: US 20020010365 A1

L3: Entry 1 of 11

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020010365  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020010365 A1

TITLE: Process for preparing a catalyst and catalytic oxidation therewith

PUBLICATION-DATE: January 24, 2002

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
Lin, Manhua	Maple Glen	PA	US	

US-CL-CURRENT: 562/544; 502/303, 502/325

             

2. Document ID: US 6414183 B1

L3: Entry 2 of 11

File: USPT

Jul 2, 2002

US-PAT-NO: 6414183

DOCUMENT-IDENTIFIER: US 6414183 B1

TITLE: Method for handling waste oil

             

3. Document ID: US 6084127 A

L3: Entry 3 of 11

File: USPT

Jul 4, 2000

US-PAT-NO: 6084127

DOCUMENT-IDENTIFIER: US 6084127 A

TITLE: Method for recovering acrylic acid

             

4. Document ID: US 5646305 A

L3: Entry 4 of 11

File: USPT

Jul 8, 1997

US-PAT-NO: 5646305

DOCUMENT-IDENTIFIER: US 5646305 A

TITLE: Oxygen enrichment process for air based gas phase oxidations which use metal oxide redox catalysts

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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5. Document ID: US 5449821 A

L3: Entry 5 of 11

File: USPT

Sep 12, 1995

US-PAT-NO: 5449821

DOCUMENT-IDENTIFIER: US 5449821 A

TITLE: Multimetal oxide compositions for gas-phase catalytic oxidation

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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6. Document ID: US 5264625 A

L3: Entry 6 of 11

File: USPT

Nov 23, 1993

US-PAT-NO: 5264625

DOCUMENT-IDENTIFIER: US 5264625 A

TITLE: Catalytic gas-phase oxidation of acrolein to acrylic acid

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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7. Document ID: US 4499301 A

L3: Entry 7 of 11

File: USPT

Feb 12, 1985

US-PAT-NO: 4499301

DOCUMENT-IDENTIFIER: US 4499301 A

TITLE: Process for the preparation of unsaturated aldehydes and carboxylic acids

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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8. Document ID: US 4435598 A

L3: Entry 8 of 11

File: USPT

Mar 6, 1984

US-PAT-NO: 4435598

DOCUMENT-IDENTIFIER: US 4435598 A

TITLE: Process for the catalytic oxidation of propylene to acrylic acid

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9. Document ID: US 4365087 A

L3: Entry 9 of 11

File: USPT

Dec 21, 1982

US-PAT-NO: 4365087

DOCUMENT-IDENTIFIER: US 4365087 A

TITLE: Production of acrylic acid[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 10. Document ID: US 3928240 A

L3: Entry 10 of 11

File: USPT

Dec 23, 1975

US-PAT-NO: 3928240

DOCUMENT-IDENTIFIER: US 3928240 A

TITLE: Process for the preparation of molybdenum-containing oxidation catalysts

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**WEST****Search Results - Record(s) 11 through 11 of 11 returned.** 11. Document ID: US 3923881 A

L3: Entry 11 of 11

File: USPT

Dec 2, 1975

US-PAT-NO: 3923881

DOCUMENT-IDENTIFIER: US 3923881 A

TITLE: Process for the preparation of C.sub.4 dicarboxylic acids from 2-butene

           

Terms	Documents
L2 and acrylic acid and acrolein	11

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